

(LM 1565)

MAY 2018

Sub. Code: 3108

DIPLOMA IN OPHTHALMOLOGY (DO) EXAMINATION

**APPLIED BASIC SCIENCES IN OPHTHALMOLOGY INCLUDING
MICROBIOLOGY, ANATOMY, PHYSIOLOGY AND
PATHOLOGY OF THE EYE**

Q.P.Code: 353108

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Discuss in detail the anatomy and blood supply of the visual pathway.
2. Discuss the formation and circulation of aqueous humour. Add a note on the maintenance of intraocular pressure.

II. Write notes on:

(10 x 7 = 70)

1. Pathology of lacrimal gland tumours.
2. Anatomy of the limbus.
3. Vascular Endothelial Growth Factors and Anti VEGF drugs.
4. Acyclovir.
5. Toxoplasma gondii - Lifecycle and ocular manifestations.
6. Acanthamoeba.
7. Visually Evoked Potential and its uses.
8. Metabolism of the lens.
9. Viscoelastic agents.
10. Nasociliary nerve.
